

What is claimed is:

1. A combination delay element and ignition composition, comprising:
a polymeric silicone component;
an oxidizer component; and,
5 a high temperature metal component.
2. The composition of claim 1, wherein the silicone component comprises an unfilled curable silicone polymer.
3. The composition of claim 2, wherein the silicone component comprises RTV.
4. The composition of claim 1, wherein the silicone component is present in an amount
10 of from about 5 wt% to about 20 wt%.
5. The composition of claim 4, wherein the silicone component is present in an amount of from about 5 wt% to about 15 wt%.
6. The composition of claim 1, wherein the silicone component is present in an amount of about 10 wt%.

7. The composition of claim 1, wherein the oxidizer component is selected from the group consisting of perchlorates, nitrates, peroxides and combinations thereof.
8. The composition of claim 7, wherein the oxidizer component comprises potassium perchlorate.
- 5 9. The composition of claim 1, wherein the oxidizer component is present in an amount of from about 55 wt% to about 80 wt%.
10. The composition of claim 9, wherein the oxidizer component is present in an amount of from about 60 wt% to about 75 wt%.
11. The composition of claim 10, wherein the oxidizer component is present in an
10 amount of from about 65 wt% to about 70 wt%.
12. The composition of claim 1, wherein the high temperature metal is selected from the group consisting of aluminum, boron, aluminum alloys, aluminum hydrides and combinations thereof.

13. The composition of claim 12, wherein the high temperature metal comprises aluminum.
14. The composition of claim 1, wherein the high temperature metal is present in an amount of from about 15 wt% to about 20 wt%.
- 5 15. The composition of claim 14, wherein the high temperature metal is present in an amount of about 17.5 wt%.
16. The composition of claim 1, further comprising magnesium.
17. The composition of claim 16, wherein the magnesium is present in an amount of from less than about 10 wt%.
- 10 18. The composition of claim 16, wherein the magnesium is present in an amount of about 5 wt%.
19. The composition of claim 1, wherein the polymeric silicone component comprises

RTV in an amount of about 10 wt%, the oxidizer component comprises potassium perchlorate in an amount of about 67.5 wt%, the high temperature metal component comprises aluminum powder in an amount of about 17.5 wt%, and further comprising magnesium powder in an amount of about 5 wt%.

- 5 20. A combination delay and ignition cord comprising the composition of claim 1.